

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Cancelled)

2. (Currently Amended) A sensor sheet comprising: ~~having a plurality of sensors~~

~~therein, wherein at least one of the plurality of sensors comprises:~~

a plurality of sensors arranged in a matrix;

an elastic supporting member configured to partition at least two of the plurality  
of sensors from each other; and

a cover layer configured to cover the plurality of sensors,

wherein at least one of the plurality of sensors comprises:

a plurality of first electrodes corresponding to a plurality of directions,  
respectively; and

a second electrode supported by the elastic supporting member and facing  
the plurality of first electrodes such that capacitance elements are  
formed by the plurality of first electrodes and the second electrode,  
wherein the second electrode is configured to be displaceable in a  
direction of toward the plurality of first electrodes with when an  
external force is applied thereto,

wherein the at least one of the plurality of sensors is capable of  
identifying the external force in a multidimensional direction on the  
basis of detection of changes in capacitance of the capacitance elements  
caused by changes in distances between the plurality of first electrodes  
and the second electrode, and

wherein distribution of force applied to the cover layer is identified on the basis of  
the forces identified by at least two of the plurality of the sensors.

3. (Currently Amended) The sensor sheet according to Claim 2, wherein the at least one of the plurality sensors further comprises a third electrode grounded and arranged in a proximity of the first electrodes,  
wherein the second electrode contacts the third electrode when the external force is applied thereto, and  
wherein the a signal is input to the plurality of first electrodes when the second electrode and the third electrode are in contact with each other.

4. (Currently Amended) A sensor sheet comprising: having a plurality of sensors  
therein, wherein at least one of the plurality of sensors comprises:  
a plurality of sensors arranged in a matrix;  
an elastic supporting member configured to partition at least two of the plurality  
of sensors from each other; and  
a cover layer configured to cover the plurality of sensors,  
wherein at least one of the plurality of sensors comprises:  
a plurality of first electrodes corresponding to a plurality of directions,  
respectively;  
a second electrode supported by the elastic supporting member and facing  
the plurality of first electrodes and configured to be displaceable in a  
direction of to toward the plurality of first electrodes with when an  
external force is applied thereto; and

a pressure-sensitive resistance member arranged between the plurality of first

electrodes and the second electrode,

wherein the at least the one of the plurality of sensors is capable of

identifying the external force in a multidimensional direction on the

basis of detection of changes in resistance between the plurality of first

electrodes and the second electrode, and

wherein distribution of force applied to the cover layer is identified on the basis of

the forces identified by at least two of the plurality of the sensors.

5. (Currently Amended) The sensor sheet according to Claim 2, wherein at least the one of the plurality of sensors further comprises a core member disposed between the cover layer and the second electrode and formed of rigid material to cause the second electrode[[s]] to be displaced by the force applied.

6. (Currently Amended) The sensor sheet according to Claim 3, wherein at least the one of the plurality of sensors further comprises a core member disposed between the cover layer and the second electrode and formed of rigid material to cause the second electrode[[s]] to be displaced by the force applied from outside.

7. (Currently Amended) The sensor sheet according to Claim 4, wherein at least the one of the plurality of sensors further comprises a core member disposed between the cover layer and the second electrode and formed of rigid material to cause the second electrode[[s]] to be displaced by the force applied.

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Currently Amended) The sensor sheet according to Claim 2, wherein a surface of the cover layer to receive the external force applied is formed to have substantially no projections and depressions.

14. (Currently Amended) The sensor sheet according to Claim 3, wherein a surface of the cover layer to receive the external force applied is formed to have substantially no projections and depressions.

15. (Currently Amended) The sensor sheet according to Claim 4, wherein a surface of the cover layer to receive the external force applied is formed to have substantially no projections and depressions.

16. (Previously Presented) The sensor sheet according to Claim 3, wherein the second electrode comprises a protrusion to contact the third electrode.

17. (Previously Presented) The sensor sheet according to Claim 3, wherein at least the one of the plurality of sensors comprises a insulating layer to cover the plurality of the first electrode.

18. (Currently Amended) The sensor sheet according to Claim 3, wherein the changes in capacitance is detected using [[a]] the signal that is input to the plurality of first electrodes when the second electrode contacts the third electrode.